

INTERNATIONAL SEARCH REPORT

International application No

PCT/FR 03/00909

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16L11/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 024 252 A (OCHSNER RICHARD) 18 June 1991 (1991-06-18) column 5, line 4-12; figure 1	1-10
Y	WO 95 24578 A (ATOCHEM ELF SA ;COFLEXIP (FR)) 14 September 1995 (1995-09-14) abstract page 6, line 17 -page 7, line 10 page 7, line 35 -page 8, line 9	1-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

1 August 2003

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11/08/2003

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Information on patent family members

International application No

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			BR 8803824 A	21-02-1989
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